

**WEST****End of Result Set**

Generate Collection

L15: Entry 1 of 1

File: DWPI

Oct 11, 2000

DERWENT-ACC-NO: 1999-348416

DERWENT-WEEK: 200052

COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: Surface-active compositions, especially cosmetics, containing glycerol carbonate as emulsifier

INVENTOR: HENSEN, H; KAHRE, J ; LOEHL, T ; TESMANN, H

PATENT-ASSIGNEE:

ASSIGNEE

CODE

HENKEL KGAA

HENK

COGNIS DEUT GMBH

COGNN

PRIORITY-DATA: 1997DE-1056454 (December 18, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1042055 A1	October 11, 2000	G	000	B01F017/00
→ DE 19756454 C1	June 17, 1999	N/A	010	B01F017/00
WO 9932216 A1	July 1, 1999	G	000	B01F017/00

DESIGNATED-STATES: DE ES FR GB IT NL JP US AT BE CH CY DE DK ES FI FR GB GR IE  
IT LU MC NL PT SE

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 1042055A1	December 9, 1998	1998EP-0965795	N/A
EP 1042055A1	December 9, 1998	1998WO-EP08010	N/A
EP 1042055A1		WO 9932216	Based on
DE 19756454C1	December 18, 1997	1997DE-1056454	N/A
WO 9932216A1	December 9, 1998	1998WO-EP08010	N/A

INT-CL (IPC): B01F 17/00; B01F 17/32

ABSTRACTED-PUB-NO: DE 19756454C

BASIC-ABSTRACT:

NOVELTY - The use of glycerol carbonate (I) is claimed as:

- (i) an emulsifier for the preparation of surface-active compositions;
- (ii) a replacement for silicone oil in cosmetic and/or pharmaceutical compositions; or
- (iii) a brightening agent in the preparation of cosmetic compositions.

USE - (I) is added as emulsifier to surface-active compositions such as cosmetics, detergents, rinse and cleaning compositions, brightening agents, lacquers and paints, in an amount of 1-50 (especially 10-25) wt.% based on surfactants. (I) is especially added to cosmetics such as hair shampoos or lotions, bubble baths, creams or lotions, e.g. containing ultraviolet filters, insect repellents, perfume oils, vitamins or antidandruff agents as active components. In hair conditioning cosmetics (I) also has brightening and antistatic activity and improves the dry combing properties.

ADVANTAGE - (I) has excellent emulsifying action, and provides stable, non-turbid formulations even in presence of active agents which are not readily emulsified. (I) is a multifunctional additive for cosmetics, which improves the dry combing properties of (especially long) hair more effectively than conventional silicone oils.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: SURFACE ACTIVE COMPOSITION COSMETIC CONTAIN GLYCEROL CARBONATE EMULSION

DERWENT-CLASS: A25 A26 A96 A97 B07 D21 E19

CPI-CODES: A12-V04; A12-W12; B07-A04; B12-M09; D08-B09A; E07-A04;

CHEMICAL-CODES:

Chemical Indexing M2 \*01\*

Fragmentation Code

F012 F014 F140 H4 H401 H481 H8 J5 J521 L9  
L922 M280 M311 M321 M342 M373 M391 M413 M510 M521  
M530 M540 M781 M904 M905 Q254 Q616

Specific Compounds

A09QIK A09QIU

Chemical Indexing M3 \*01\*

Fragmentation Code

F012 F014 F140 H4 H401 H481 H8 J5 J521 L9  
L922 M280 M311 M321 M342 M373 M391 M413 M510 M521  
M530 M540 M781 M904 M905 Q254 Q616

Specific Compounds

A09QIK A09QIU

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; R00351 G1558 D01 D23 D22 D31 D42 D50 D73 D82 F47 ; R00370 G1558 D01 D11 D10 D23 D22 D31 D42 D50 D73 D83 F47 ; P0975\*R P0964 F34 D01 D10 ; P0055 ; M9999 M2153\*R ; M9999 M2200 ; M9999 M2460 ; H0000 ; P8004 P0975 P0964 D01 D10 D11 D50 D82 F34 ; P8015 P0975 P0964 D01 D10 D11 D50 D83 F34 Polymer Index [1.2] 018 ; R00351 G1558 D01 D23 D22 D31 D42 D50 D73 D82 F47 ; R00370 G1558 D01 D11 D10 D23 D22 D31 D42 D50 D73 D83 F47 ; P0975\*R P0964 F34 D01 D10 ; P0055 ; M9999 M2153\*R ; M9999 M2200 ; M9999 M2460 ; H0011\*R Polymer Index [1.3] 018 ; B9999 B5094 B4977 B4740 Polymer Index [1.4] 018 ; ND01 ; ND04 ; B9999 B4411 B4400 B4240 ; Q9999 Q9110 ; Q9999 Q9165\*R ; Q9999 Q9176 Q9165 ; Q9999 Q9187 Q9165 ; K9869 K9847 K9790 ; Q9999 Q7034\*R ; Q9999 Q7045 Q7034 ; Q9999 Q7987\*R Polymer Index [1.5] 018 ; P\* 5A ; H0157 Polymer Index [2.1] 018 ; P1445\*R F81 Si 4A ; S9999 S1376 Polymer Index [2.2] 018 ; P1445\*R F81 Si 4A ; P0964\*R F34 D01 ; P0975\*R P0964 F34 D01 D10 ; H0260 Polymer Index [2.3] 018 ; ND01 ; ND04 ; B9999 B4411 B4400 B4240 ; Q9999 Q9110 ; Q9999 Q9165\*R ; Q9999 Q9176 Q9165 ; Q9999 Q9187 Q9165 ; K9869 K9847 K9790 ; Q9999 Q7034\*R ; Q9999 Q7045 Q7034 ; Q9999 Q7987\*R

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1999-102813

**WEST****End of Result Set**

Generate Collection

L14: Entry 3 of 3

File: DWPI

Feb 16, 2000

DERWENT-ACC-NO: 2000-197603

DERWENT-WEEK: 200035

COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: Carbonate functionalized silicones useful as precursors for hydroxy  
carbamate functionalized silicones for, i.e. cosmetic compositions

INVENTOR: NYE, S A

PATENT-ASSIGNEE:

ASSIGNEE

CODE

GENERAL ELECTRIC CO

GENE

PRIORITY-DATA: 1997US-0804650 (February 25, 1997), 1996US-0615904 (March 14,  
1996)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
GB 2340128 A	February 16, 2000	N/A	028	C08G077/388
GB 2340128 B	July 5, 2000	N/A	000	C08G077/388

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
GB 2340128A	March 6, 1997	1997GB-0004635	Derived from
GB 2340128A	November 3, 1999	1999GB-0026060	N/A
GB 2340128B	March 6, 1997	1997GB-0004635	Derived from
GB 2340128B	November 3, 1999	1999GB-0026060	N/A

INT-CL (IPC): C08G 77/388

RELATED-ACC-NO: 1997-427909

ABSTRACTED-PUB-NO: GB 2340128A

BASIC-ABSTRACT:

NOVELTY - A silicone composition comprises a carbonate functionalized silicone  
of formula (I).

DETAILED DESCRIPTION - A silicone composition comprises a carbonate  
functionalized silicone of formula (I).

An INDEPENDENT CLAIM is also included for preparation of formula (I) by  
reacting a hydrogen siloxane of formula (II) with an unsaturated cyclic  
carbonate ester of formula (IV) in the presence of a hydrosilation catalyst:

M = R<sub>3</sub>SiO<sub>1/2</sub>;

$M'' = R_3 - iR'' \text{ 'iSiO}_1/2;$

$MH = R_3 - kHkSiO_1/2;$

$D = R_2SiO_2/2$

$DH = R_2 - mHmSiO_2/2;$

$D'' = R_2 - jR'' \text{ 'jSiO}_2/2;$

$T = RSiO_3/2;$

$TH = HSiO_3/2;$

$T'' = R'' \text{ 'SiO}_3/2;$

$Q = SiO_4/2;$

$i, k = 1-3;$

$j, m = 1-2;$

$a-f$  and  $t-z$  = zero or positive integers;

$b+d+f$  = at least 1;

$b, c, e$  = at least 1;

$a+c+e+g$  = 0 or positive integer;

$u+w+y$  = integer greater than 0;

one of  $y, x$  or  $v$  = 1 or greater;

$t+v+z+x$  = 0 or positive integer;

$R$  = 1-40C monovalent hydrocarbon radical;

$R''$  = 1-40C divalent radical; and

$R'' \text{ '}$  = formula (III).

USE - As a precursor of hydroxy carbamate functionalized silicone compounds useful for a variety of applications, particularly in personal care and cosmetic applications, i.e. 2-in-1 shampoos, cuticle coats, styling gels, hair mousses and fixatives.

ADVANTAGE - Increases shine or luster of hair it is applied to.

ABSTRACTED-PUB-NO:

GB 2340128B

EQUIVALENT-ABSTRACTS:

NOVELTY - A silicone composition comprises a carbonate functionalized silicone of formula (I).

DETAILED DESCRIPTION - A silicone composition comprises a carbonate functionalized silicone of formula (I).

An INDEPENDENT CLAIM is also included for preparation of formula (I) by reacting a hydrogen siloxane of formula (II) with an unsaturated cyclic carbonate ester of formula (IV) in the presence of a hydrosilation catalyst:

$M = R_3SiO_1/2;$

$M'' = R3-iR'' \text{ 'iSiO1/2;}$   
 $MH = R3-kHkSiO1/2;$   
 $D = R2SiO2/2$   
 $DH = R2-mHmSiO2/2;$   
 $D'' = R2-jR'' \text{ 'jSiO2/2;}$   
 $T = RSiO3/2;$   
 $TH = HSiO3/2;$   
 $T'' = R'' \text{ 'SiO3/2;}$   
 $Q = SiO4/2;$   
 $i, k = 1-3;$   
 $j, m = 1-2;$   
 $a-f$  and  $t-z$  = zero or positive integers;  
 $b+d+f$  = at least 1;  
 $b,c,e$  = at least 1;  
 $a+c+e+g$  = 0 or positive integer;  
 $u+w+y$  = integer greater than 0;  
one of  $y,x$  or  $v$  = 1 or greater;  
 $t+v+z+x$  = 0 or positive integer;  
 $R$  = 1-40C monovalent hydrocarbon radical;  
 $R''$  = 1-40C divalent radical; and  
 $R'' \text{ '}$  = formula (III).

USE - As a precursor of hydroxy carbamate functionalized silicone compounds useful for a variety of applications, particularly in personal care and cosmetic applications, i.e. 2-in-1 shampoos, cuticle coats, styling gels, hair mousses and fixatives.

ADVANTAGE - Increases shine or luster of hair it is applied to.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: CARBONATE USEFUL PRECURSOR HYDROXY CARBAMATE COSMETIC COMPOSITION

DERWENT-CLASS: A26 A96 D21

CPI-CODES: A06-A00E3; A10-E22A; A12-V04; D08-B03;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; F81 F83 F86 ; P1445\*R F81 Si 4A ; L9999 L2391 ; L9999 L2313 ; L9999 L2766 ; M9999 M2313 ; M9999 M2766 ; S9999 S1376 Polymer Index [1.2] 018 ; ND01 ; ND06 ; Q9999 Q9165\*R ; Q9999 Q9187 Q9165 Polymer Index [1.3] 018 ; D11 D10 D27 D23 D22 D31 D75 D46 D87 F44 F34 ; D01 D12 D10 D23 D22 D31 D75 D46 F44 ; D01 D11 D10 D23 D22 D31 D75 D46 D58 D63 D88 F89 F41 F44 ; D01 D11 D10 D12 D23 D22 D31 D75 D46 D58 D86 F34 F44 ; H0226 Polymer Index [1.4] 018 ; D00

D09 Pt 8B Tr ; C999 C102 C000 ; C999 C271

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2000-061376

**WEST**☐ Generate Collection

L14: Entry 1 of 3

File: DWPI

May 11, 2000

DERWENT-ACC-NO: 2000-366861

DERWENT-WEEK: 200032

COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: Self-emulsifying cosmetic and pharmaceutical compositions for skin or hair care, include esterquats, partial glycerides and ethoxylated alcohols, alkyl and/or alkenyl oligoglycosides and/or polyol poly-12-hydroxystearates

INVENTOR: BLASQUEZ FERNANDEZ, J; BOYXEN, N ; KAHRE, J ; PRAT QUERALT, E ;  
BLASQUEZ, F J

PATENT-ASSIGNEE:

ASSIGNEE

CODE

COGNIS DEUT GMBH

COGNN

PRIORITY-DATA: 1998DE-1051451 (November 9, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 19851451 A1	May 11, 2000	N/A	012	A61K007/075
WO 200027343 A2	May 18, 2000	G	000	A61K007/00

DESIGNATED-STATES: JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 19851451A1	November 9, 1998	1998DE-1051451	N/A
WO 200027343A2	October 30, 1999	1999WO-EP08287	N/A

INT-CL (IPC): A61K 7/00; A61K 7/075; A61K 7/08; A61K 7/48; A61K 7/50

ABSTRACTED-PUB-NO: DE 19851451A

BASIC-ABSTRACT:

NOVELTY - Cosmetic and pharmaceutical compositions comprising: (a) esterquats; (b) partial glycerides; (c) ethoxylated alcohols, alkyl and/or alkenyl oligoglycosides and/or polyol poly-12-hydroxystearates; and optionally (d) fatty alcohols and/or cyclic carbonates are new.

USE - The compositions are especially useful for skin and hair care, e.g. as conditioning shampoos.

ADVANTAGE - The compositions have low viscosity and good storage stability, are self-emulsifying in water, and impart a soft feel to the hair and a pleasant feel to the skin.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: SELF EMULSION COSMETIC PHARMACEUTICAL COMPOSITION SKIN HAIR CARE  
ETHOXYLATION ALKYL ALKENYL POLY



DERWENT-CLASS: A25 A96 B07 D21 E19

CPI-CODES: A12-V01; A12-V04A; A12-V04C; B04-C03D; B10-A22; B10-E04D; B14-N17; B14-R02; D08-B04; D08-B09A; E07-A02D; E07-A02H; E10-A22D; E10-E04G; E10-E04K; E10-E04M;

CHEMICAL-CODES:

Chemical Indexing M2 \*01\*

Fragmentation Code

H4 H401 H481 H8 J0 J011 J2 J271 M210 M211  
M272 M281 M316 M321 M331 M342 M381 M391 M416 M431  
M620 M782 M904 M905 P930 P943 Q254

Specific Compounds

A0NGXK A0NGXQ A0NGXM

Chemical Indexing M3 \*01\*

Fragmentation Code

H4 H401 H481 H8 J0 J011 J2 J271 M210 M211  
M272 M281 M316 M321 M331 M342 M381 M391 M416 M431  
M620 M782 M904 M905 P930 P943 Q254

Specific Compounds

A0NGXK A0NGXQ A0NGXM

Chemical Indexing M2 \*02\*

Fragmentation Code

H401 H402 H481 H482 H5 H582 H584 H8 J0 J011  
J012 J014 J2 J271 J272 J373 K0 L7 L722 M210  
M211 M212 M213 M214 M215 M216 M220 M221 M222 M223  
M224 M225 M226 M231 M232 M233 M262 M273 M281 M282  
M283 M312 M313 M321 M322 M323 M332 M342 M343 M383  
M393 M416 M431 M620 M782 M904 M905 P930 P943 Q254

Markush Compounds

200017-75803-K 200017-75803-M

Chemical Indexing M3 \*02\*

Fragmentation Code

H401 H402 H481 H482 H5 H582 H584 H8 J0 J011  
J012 J014 J2 J271 J272 J373 K0 L7 L722 M210  
M211 M212 M213 M214 M215 M216 M220 M221 M222 M223  
M224 M225 M226 M231 M232 M233 M262 M273 M281 M282  
M283 M312 M313 M321 M322 M323 M332 M342 M343 M383  
M393 M416 M431 M620 M782 M904 M905 P930 P943 Q254

Markush Compounds

200017-75803-K 200017-75803-M

Chemical Indexing M2 \*03\*

Fragmentation Code

H401 H402 H481 H482 H5 H581 H583 H8 J0 J011  
J012 J014 J2 J271 J272 J373 M210 M211 M212 M213  
M214 M215 M216 M220 M221 M222 M223 M224 M225 M226  
M231 M232 M233 M262 M273 M281 M282 M283 M312 M313  
M321 M322 M323 M332 M342 M383 M393 M416 M431 M620  
M782 M904 M905 P930 P943 Q254

Markush Compounds

200017-75802-K 200017-75802-M

Chemical Indexing M3 \*03\*

Fragmentation Code

H401 H402 H481 H482 H5 H581 H583 H8 J0 J011  
J012 J014 J2 J271 J272 J373 M210 M211 M212 M213  
M214 M215 M216 M220 M221 M222 M223 M224 M225 M226  
M231 M232 M233 M262 M273 M281 M282 M283 M312 M313  
M321 M322 M323 M332 M342 M383 M393 M416 M431 M620

M782 M904 M905 P930 P943 Q254  
Markush Compounds  
200017-75802-K 200017-75802-M

## Chemical Indexing M2 \*04\*

## Fragmentation Code

H1 H181 H401 H402 H403 H481 H482 H483 H5 H582  
H584 H8 J0 J011 J012 J013 J2 J271 J272 J273  
M210 M211 M212 M213 M214 M215 M216 M220 M221 M222  
M223 M224 M225 M226 M231 M232 M233 M262 M273 M281  
M282 M283 M312 M313 M321 M323 M332 M342 M383 M393  
M416 M431 M620 M782 M904 M905 P930 P943 Q254

## Markush Compounds

200017-75801-K 200017-75801-M

## Chemical Indexing M3 \*04\*

## Fragmentation Code

H1 H181 H401 H402 H403 H481 H482 H483 H5 H582  
H584 H8 J0 J011 J012 J013 J2 J271 J272 J273  
M210 M211 M212 M213 M214 M215 M216 M220 M221 M222  
M223 M224 M225 M226 M231 M232 M233 M262 M273 M281  
M282 M283 M312 M313 M321 M323 M332 M342 M383 M393  
M416 M431 M620 M782 M904 M905 P930 P943 Q254

## Markush Compounds

200017-75801-K 200017-75801-M

## Chemical Indexing M2 \*05\*

## Fragmentation Code

H4 H401 H402 H403 H481 H482 H483 H5 H582 H8  
J0 J011 J012 J013 J2 J271 J272 J273 J5 J581  
J582 J583 K0 L5 L560 L599 M210 M211 M212 M213  
M214 M215 M216 M220 M221 M222 M223 M224 M225 M226  
M231 M232 M233 M262 M280 M281 M282 M283 M312 M315  
M321 M322 M332 M334 M342 M344 M383 M393 M416 M431  
M620 M782 M904 M905 P930 P943 Q254

## Markush Compounds

200017-75804-K 200017-75804-M

## Chemical Indexing M3 \*05\*

## Fragmentation Code

H4 H401 H402 H403 H481 H482 H483 H5 H582 H8  
J0 J011 J012 J013 J2 J271 J272 J273 J5 J581  
J582 J583 K0 L5 L560 L599 M210 M211 M212 M213  
M214 M215 M216 M220 M221 M222 M223 M224 M225 M226  
M231 M232 M233 M262 M280 M281 M282 M283 M312 M315  
M321 M322 M332 M334 M342 M344 M383 M393 M416 M431  
M620 M782 M904 M905 P930 P943 Q254

## Markush Compounds

200017-75804-K 200017-75804-M

## Chemical Indexing M2 \*06\*

## Fragmentation Code

H4 H401 H481 H8 M210 M211 M212 M213 M214 M215  
M216 M220 M221 M222 M223 M224 M225 M226 M231 M232  
M233 M272 M281 M320 M416 M431 M620 M782 M904 M905  
P930 P943 Q254

## Markush Compounds

200017-75805-K 200017-75805-M

## Chemical Indexing M3 \*06\*

## Fragmentation Code

H4 H401 H481 H8 M210 M211 M212 M213 M214 M215  
M216 M220 M221 M222 M223 M224 M225 M226 M231 M232  
M233 M272 M281 M320 M416 M431 M620 M782 M904 M905  
P930 P943 Q254

Markush Compounds  
200017-75805-K 200017-75805-M

**ENHANCED-POLYMER-INDEXING:**

Polymer Index [1.1] 018 ; H0237\*R ; P8004 P0975 P0964 D01 D10 D11 D50 D82 F34 ; M9999 M2153\*R ; M9999 M2186 ; M9999 M2200 ; M9999 M2460 ; M9999 M2813 Polymer Index [1.2] 018 ; R00113 G1070 G0997 D01 D11 D10 D50 D83 F29 F26 ; H0000 ; P0964\*R F34 D01 ; M9999 M2186 ; M9999 M2324 Polymer Index [1.3] 018 ; G3623\*R P0599 D01 ; M9999 M2200 ; M9999 M2813 ; H0237\*R Polymer Index [1.4] 018 ; ND01 ; B9999 B5094 B4977 B4740 ; Q9999 Q8037 Q7987 ; Q9999 Q9110 ; Q9999 Q9176 Q9165 ; Q9999 Q9187 Q9165 Polymer Index [1.5] 018 ; P\* 5A ; S\* 6A ; 7A\*R ; H0157

**SECONDARY-ACC-NO:**

CPI Secondary Accession Numbers: C2000-110934

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2003 ACS  
 AN 1999:394086 CAPLUS  
 DN 131:49196  
 TI Glycerin carbonate as emulsifier in cosmetic preparations  
 IN Kahre, Joerg; Loehl, Thorsten; Tesmann, Holger; Hensen, Hermann  
 PA Henkel K.-G.a.A., Germany  
 SO Ger., 10 pp.  
 CODEN: GWXXAW  
 DT Patent  
 LA German  
 IC ICM B01F017-00  
 ICS B01F017-32  
 ICA C09D007-02; C09K003-16; C07D317-36  
 CC 62-3 (Essential Oils and Cosmetics)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	DE 19756454	C1	19990617	DE 1997-19756454	19971218
	WO 9932216	A1	19990701	WO 1998-EP8010	19981209
	W: JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1042055	A1	20001011	EP 1998-965795	19981209
	R: DE, ES, FR, GB, IT, NL				
	JP 2001526106	T2	20011218	JP 2000-525198	19981209
PRAI	DE 1997-19756454	A	19971218		
	WO 1998-EP8010	W	19981209		
AB	Glycerin carbonate shows excellent properties as an emulsifier, even for agents which are difficult to emulsify such as the antidandruff agent climbazole. It also brightens and improves the dry combability of the <b>hair</b> and has antistatic activity, and can replace silicone oils for these purposes. Thus, a compn. contg. Na laureth sulfate 8.0, coco glucosides 4.0, and glyceryl carbonate 9.0 wt.% did not sep. during storage at 40.degree. for 4 wk.				
ST	glycerin carbonate cosmetic emulsifier; <b>hair</b> prepn emulsifier				
IT	<b>Hair</b> preparations				
	(conditioners; glycerin carbonate as emulsifier in cosmetic preps.)				
IT	Cosmetics				
	Drug delivery systems				
	Emulsifying agents				
	(glycerin carbonate as emulsifier in cosmetic preps.)				
IT	Polysiloxanes, biological studies				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(replacement with glycerin carbonate in cosmetics; glycerin carbonate as emulsifier in cosmetic preps.)				
IT	<b>931-40-8</b>				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(glycerin carbonate as emulsifier in cosmetic preps.)				
RE.CNT	3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD				
RE					
	(1) Anon; US 5540853 CAPLUS				
	(2) Anon; WO 9639689 A1				
	(3) Anon; JP 60123504 A2 1986 CAPLUS				

WEST

Help

Logout

Interrupt

Main Menu

Search Form

Posting Counts

Show S Numbers

Edit S Numbers

Preferences

Search Results -

Terms	Documents
19756454	1

Database:

US Patents Full-Text Database

US Pre-Grant Publication Full-Text Database

JPO Abstracts Database

EPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

Refine Search:

19756454

Clear

Search History

Today's Date: 8/11/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
EPAB,DWPI	19756454	1	<a href="#">L15</a>
PGPB,JPAB,EPAB,DWPI	cosmetic and hair and ((cyclic adj carbonate\$) or (glycerin\$ adj carbonate\$))	3	<a href="#">L14</a>
PGPB,JPAB,EPAB,DWPI	hair and Jeffsol	0	<a href="#">L13</a>
USPT	hair and Jeffsol	0	<a href="#">L12</a>
USPT	cosmetic and hair and Jeffsol	0	<a href="#">L11</a>
USPT	cosmetic and hair and ((cyclic adj carbonate\$) or (glycerin\$ adj carbonate\$))	8	<a href="#">L10</a>
PGPB,JPAB,EPAB,DWPI	cosmetic and (cyclic adj carbonate\$) and moistur\$ and hair	1	<a href="#">L9</a>
USPT	cosmetic and (cyclic adj carbonate\$) and moistur\$ and hair	4	<a href="#">L8</a>
USPT	cosmetic and (cyclic adj carbonate\$) and moistur\$	18	<a href="#">L7</a>
USPT	cosmetic and (cyclic adj carbonate\$)	56	<a href="#">L6</a>
USPT	cosmetic and (glycer\$ adj carbonate\$)	7	<a href="#">L5</a>
USPT	(cyclic adj carbonate\$) and (glycer\$ adj carbonate\$)	63	<a href="#">L4</a>
USPT	(cyclic adj carbonate\$) and cosmetic and (glycer\$ adj carbonate\$)	3	<a href="#">L3</a>
USPT	(cyclic adj carbonate\$) and cosmetic (glycer\$ adj carbonate\$)	192	<a href="#">L2</a>
USPT	(cyclic adj carbonate\$) and cosmetic	56	<a href="#">L1</a>

L13 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2002 ACS  
 AN 2001:463180 CAPLUS  
 DN 135:66011  
 TI **Hair** preparations containing glycerin ethers as penetration enhancers  
 IN Hamashima, Hideki; Aono, Megumi; Mitamura, Joji; Toda, Masayuki  
 PA Lion Corp., Japan  
 SO Jpn. Kokai Tokkyo Koho, 11 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2001172134	A2	20010626	JP 1999-360188	19991220
OS	MARPAT 135:66011				

L13 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2002 ACS  
 AN 2001:459847 CAPLUS  
 DN 135:66009  
 TI Acidic **hair** dyes containing organic solvents and acids  
 IN Hamashima, Hideki; Aono, Megumi; Mitamura, Joji  
 PA Lion Corp., Japan  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2001172140	A2	20010626	JP 1999-356338	19991215

L13 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2002 ACS  
 AN 2001:423392 CAPLUS  
 DN 135:36937  
 TI Acid **hair** dyes containing 1,3-dioxolan-2-one derivatives and water-soluble polymers  
 IN Aono, Megumi; Hamashima, Hideki; Mitamura, Joji  
 PA Lion Corp., Japan  
 SO Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2001158724	A2	20010612	JP 1999-342632	19991201

L13 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2002 ACS  
 AN 2001:421093 CAPLUS  
 DN 135:36934  
 TI **Hair** preparations containing 1,3-dioxolan-2-one derivatives as penetration promoters  
 IN Aono, Megumi; Hamashima, Hideki; Mitamura, Joji  
 PA Lion Corp., Japan  
 SO Jpn. Kokai Tokkyo Koho, 9 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001158720	A2	20010612	JP 1999-342633	19991201
OS	MARPAT 135:36934				

L13 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2002 ACS

AN 2000:315003 CAPLUS

DN 132:339029

TI **Hair** and skin conditioners

IN Kahre, Joerg; Boyxen, Norbert; Prat Queralt, Esther; Blasquez Fernandez, Jose

PA Cognis Deutschland G.m.b.H., Germany

SO Ger. Offen., 12 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19851451	A1	20000511	DE 1998-19851451	19981109
	WO 2000027343	A2	20000518	WO 1999-EP8287	19991030
	WO 2000027343	A3	20001116		

W: JP, US

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

PRAI DE 1998-19851451 A 19981109

OS MARPAT 132:339029

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2002 ACS

AN 2000:190890 CAPLUS

DN 132:241675

TI Use of cyclic carbonates as moisturizers

IN Gassenmeier, Thomas Otto; Loehl, Thorsten; Ansmann, Achim; Kahre, Joerg; Fischer, Detlef

PA Henkel Kommanditgesellschaft auf Aktien, Germany

SO PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000015186	A1	20000323	WO 1999-EP6524	19990904
	W: AU, CN, JP, KR, NZ, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	DE 19842069	A1	20000323	DE 1998-19842069	19980915
	AU 9958606	A1	20000403	AU 1999-58606	19990904
	EP 1112058	A1	20010704	EP 1999-946126	19990904

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

PRAI DE 1998-19842069 A 19980915

WO 1999-EP6524 W 19990904

OS MARPAT 132:241675

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT



L13 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2002 ACS

AN 1999:394086 CAPLUS

DN 131:49196

TI **Glycerin carbonate** as emulsifier in cosmetic preparations

IN Kahre, Joerg; Loehl, Thorsten; Tesmann, Holger; Hensen, Hermann

PA Henkel K.-G.a.A., Germany

SO Ger., 10 pp.

CODEN: GWXXAW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	DE 19756454	C1	19990617	DE 1997-19756454	19971218
	WO 9932216	A1	19990701	WO 1998-EP8010	19981209
	W: JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1042055	A1	20001011	EP 1998-965795	19981209
	R: DE, ES, FR, GB, IT, NL				
	JP 2001526106	T2	20011218	JP 2000-525198	19981209
PRAI	DE 1997-19756454	A	19971218		
	WO 1998-EP8010	W	19981209		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

L5 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2003 ACS  
 AN 1999:811553 CAPLUS  
 DN 132:40344  
 TI Dialkyl carbonates for **cosmetic** emulsions  
 IN Le Hen Ferrenbach, Catherine  
 PA Henkel K.-G.a.A., Germany  
 SO Ger. Offen., 10 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 IC ICM A61K007-02  
 CC 62-4 (Essential Oils and Cosmetics)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19827661	A1	19991223	DE 1998-19827661	19980622
	WO 9966898	A1	19991229	WO 1999-EP4064	19990612
	W: AU, ID, JP, KR, NZ, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9947718	A1	20000110	AU 1999-47718	19990612
PRAI	DE 1998-19827661	A	19980622		
	WO 1999-EP4064	W	19990612		
OS	MARPAT 132:40344				
AB	The use of dialkyl carbonates for the prepn. of removal agents in <b>cosmetic</b> emulsions is described. Oily substances confer skin compatibility to the <b>cosmetic</b> formulations. Thus, a lotion contained polyglyceryl diisostearate 4.0, polyglyceryl dipolyhydroxystearate 2.0, Zn stearate 0.5, beeswax 5.0, and di-2-hexyl carbonate 12.0 and water to 100%.				
ST	dialkyl carbonate <b>cosmetic</b> emulsion				
IT	Glycerides, biological studies				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(C6-10; dialkyl carbonates for <b>cosmetic</b> emulsions)				
IT	Diglycerides				
	Glycerides, biological studies				
	Monoglycerides				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(C6-18; dialkyl carbonates for <b>cosmetic</b> emulsions)				
IT	Glycerides, biological studies				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(C8-10; dialkyl carbonates for <b>cosmetic</b> emulsions)				
IT	Glycosides				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(alkyl; dialkyl carbonates for <b>cosmetic</b> emulsions)				
IT	<b>Cosmetics</b>				
	(creams; dialkyl carbonates for <b>cosmetic</b> emulsions)				
IT	<b>Cosmetics</b>				
	(dialkyl carbonates for <b>cosmetic</b> emulsions)				
IT	Alditols				
	Ethers, biological studies				
	Fatty acids, biological studies				
	Polyoxyalkylenes, biological studies				
	Polysiloxanes, biological studies				

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (dialkyl carbonates for **cosmetic** emulsions)

IT Carbonates, biological studies  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (dialkyl; dialkyl carbonates for **cosmetic** emulsions)

IT Carboxylic acids, biological studies  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (dicarboxylic, esters; dialkyl carbonates for **cosmetic** emulsions)

IT **Cosmetics**  
 (emulsions; dialkyl carbonates for **cosmetic** emulsions)

IT Fatty acids, biological studies  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (esters; dialkyl carbonates for **cosmetic** emulsions)

IT Castor oil  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (ethoxylated; dialkyl carbonates for **cosmetic** emulsions)

IT Polyoxyalkylenes, biological studies  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (fatty esters; dialkyl carbonates for **cosmetic** emulsions)

IT Alcohols, biological studies  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (fatty; dialkyl carbonates for **cosmetic** emulsions)

IT **Cosmetics**  
 (gels; dialkyl carbonates for **cosmetic** emulsions)

IT Castor oil  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (hydrogenated, ethoxylated; dialkyl carbonates for **cosmetic** emulsions)

IT Alcohols, biological studies  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (lanolin; dialkyl carbonates for **cosmetic** emulsions)

IT **Cosmetics**  
 (lotions; dialkyl carbonates for **cosmetic** emulsions)

IT Glycosides  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (oligoglycosides; dialkyl carbonates for **cosmetic** emulsions)

IT Polysiloxanes, biological studies  
 Polysiloxanes, biological studies  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (polyether-; dialkyl carbonates for **cosmetic** emulsions)

IT Alcohols, biological studies  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (polyhydric; dialkyl carbonates for **cosmetic** emulsions)

IT Alcohols, biological studies  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (primary; dialkyl carbonates for **cosmetic** emulsions)

IT Polyethers, biological studies  
Polyethers, biological studies  
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES  
(Uses)  
(siloxane-; dialkyl carbonates for **cosmetic** emulsions)

IT 56-81-5, Glycerin, biological studies 65-85-0D, Benzoic acid, esters  
with c6-22 alcs., biological studies 77-92-9, Citric acid, biological  
studies 106-14-9, 12-Hydroxystearic acid 110-82-7D, Cyclohexane,  
derivs., biological studies 115-77-5, Pentaerythritol, biological  
studies 115-77-5D, Pentaerythritol, esters 126-58-9,

Dipentaerythritol  
141-22-0, Ricinoleic acid 146-72-5 **931-40-8** 9003-11-6D,  
ethers with fatty alcs. 25322-68-3D, Polyethylene glycol, fatty esters  
25618-55-7, PolyGlycerin 31694-55-0D, Polyethylene glycol glyceryl  
ether, esters with fatty acids  
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES  
(Uses)  
(dialkyl carbonates for **cosmetic** emulsions)

L5 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2003 ACS  
 AN 1999:811553 CAPLUS  
 DN 132:40344  
 TI Dialkyl carbonates for **cosmetic** emulsions  
 IN Le Hen Ferrenbach, Catherine  
 PA Henkel K.-G.a.A., Germany  
 SO Ger. Offen., 10 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19827661	A1	19991223	DE 1998-19827661	19980622
	WO 9966898	A1	19991229	WO 1999-EP4064	19990612
	W: AU, ID, JP, KR, NZ, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9947718	A1	20000110	AU 1999-47718	19990612
PRAI	DE 1998-19827661	A	19980622		
	WO 1999-EP4064	W	19990612		
OS	MARPAT 132:40344				

L5 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1999:394086 CAPLUS

DN 131:49196

TI Glycerin carbonate as emulsifier in **cosmetic** preparations

IN Kahre, Joerg; Loehl, Thorsten; Tesmann, Holger; Hensen, Hermann

PA Henkel K.-G.a.A., Germany

SO Ger., 10 pp.

CODEN: GWXXAW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	DE 19756454	C1	19990617	DE 1997-19756454	19971218
	WO 9932216	A1	19990701	WO 1998-EP8010	19981209
	W: JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1042055	A1	20001011	EP 1998-965795	19981209
	R: DE, ES, FR, GB, IT, NL				
	JP 2001526106	T2	20011218	JP 2000-525198	19981209
PRAI	DE 1997-19756454	A	19971218		
	WO 1998-EP8010	W	19981209		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1998:176308 CAPLUS

DN 128:230064

TI Preparation of oligoglycerin as a material for nonionic surfactants and **cosmetics**

IN Yoshii, Toru; Suzuki, Kaoru; Miyake, Hiroshi; Toda, Haruhiko

PA Lion Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 10072393	A2	19980317	JP 1996-245755	19960828
PRAI	JP 1996-245755		19960828		
OS	MARPAT 128:230064				